Claims

1. Computer system (200/300) with a main system (200) to execute an application (A) in cooperation with a human user (1000), the computer system with an auxiliary system (300) to evaluate problems (P) in the main system (200) with a service module (310) to collect problem related data (D) from the main system (200), an acquisition module (320) to acquire knowledge representations (R), a knowledge module (330) to store the knowledge representations (R), an inference module (340) to process problem related data (D) with knowledge representations (R) to identify solutions (S), the inference module (340) also to forward the solutions (S) through the service module (310) to the main system (200), the computer system (200/300) characterized in that the auxiliary system (200) distinguishes context of the problems (P) and distinguishes versions of the main system (200).

2. Computer system (200/300) of claim 1, wherein the auxiliary system (200) also distinguishes context and versions relating to the application (A).

3. Computer system (200/300) of claim 2, wherein the auxiliary system (200) distinguishes context and versions by using a check lexicon (331) in the knowledge module (330).

4. Computer system (200/300) of claim 3, wherein the check lexicon (331) lists details for the knowledge representations (R), wherein the details depend on a version of the main system.

5. Computer system (200/300) of claim 3, wherein the check lexicon (331) lists details for the knowledge representations (R), wherein the details depend on a version of the application (A).

6. Computer system (200/300) of claim 3, wherein the check lexicon (331) lists details for the knowledge representations (R), wherein the details depend on the context of the problem (P).

7. Computer system (200/300) of claim 3, wherein the check lexicon (331) lists details for the knowledge representations that depend on a version of the main system (200).

8. Computer system (200/300) of claim 3, wherein the check lexicon uses parameters for versions and context.

9. Computer system (200/300) of claim 1, wherein the knowledge module (330) distinguishes contexts that are predefined sets of knowledge representations (R).

10. Computer system (200/300) of claim 1, wherein the knowledge module (330) distinguishes context with primary context and secondary context, wherein the secondary context is referenced from the first context.

11. Computer system (200/300) of claim 1, wherein the knowledge module (330) makes knowledge representations (R) selectively available or non-available according to a selected context.

12. Inference module (x40) with expertise functionality for evaluating problems (P) in a main computer system (200) that executes an application (A), wherein the inference module (x40) is adapted to process problem related data (D) with knowledge representations (R) to identify solutions (S), the inference module (x40) characterized in that the inference module (x40) distinguishes problem related data (D) in context classes.